
MATERIAL SAFETY DATA SHEET

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Section I - PRODUCT NAME
Activated Carbon Type : AC

Section II - HAZARDOUS INGREDIENTS

<u>Name</u>	<u>CAS Number</u>	<u>% By Weight</u>
1. Carbon Activated Carbon (Non-Regulated)	7440-44-0	100
2.		
3.		
4.		

(ACGIH, OSHA and other TLV are not applicable for activated carbon.)

Caution: Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels and enclosed or confined spaces. Before entering such an area, sampling and work procedures for low oxygen levels should be taken to ensure ample oxygen availability, observing all local, state and federal regulations.

SECTION III - PHYSICAL DATA

Boiling Point (°F) : N/A	Specific Gravity (water=1) : 1.9-2.2
Vapor Pressure : N/A	Packing Density (g/cc) : 0.4-0.8
Solubility In Water : N/A	pH : N/A
Appearance & Odor : Black granular or powder odorless	

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point : N/A	LEL : N/A	Ignition Temperature (°C) : 350
Flammable Limits : N/A	UEL : N/A	

Extinguishing Media : Flood with plenty of water or inert gas, such as N₂ and CO₂

Special Fire Fighting Procedure: None

SECTION V - REACTIVITY

Stability : Stable
Hazardous Polymerization : Will not occur
Hazardous Decomposition : CO may be generated in the event of fire

Condition To Avoid : Contact with strong oxidizers, such as ozone, liquid oxygen, chlorine, permanganate and ketone may cause a bed fire.

Incompatibility : Avoid contact with high concentration of ketone in air or liquid. (Contact Barnebey & Sutcliffe for further information.)

SECTION VI - HEALTH HAZARD DATA

Carcinogenicity : N/A Skin : N/A Ingestion : N/A
Acute or Chronic : N/A NTP : N/A IARC Monograph : N/A
Inhalation : Dust may be inhaled OSHA : N/A

Signs & Symptoms of Exposure : Slight irritation of eyes and nose may result from contact with carbon fines
Medical Conditions Generally Aggravated By Exposure : N/A

SECTION VII - EMERGENCY & FIRST AID PROCEDURE

Skin : N/A Ingestion : N/A Inhalation : N/A
Eye : Flush with plenty of water at least for 15 minutes

Follow-up with physician exam if necessary.

SECTION VIII - SAFE HANDLING & STORAGE

Protective Gloves : Rubber Gloves Protective Clothing : Not required
Eye Protection : Safety Glasses Respirator Protection: A NIOSH approved particulate filter

Ventilation : Local & Mechanical exhaust recommended

Storage & Handling : Avoid generation of dust and fines during handling

SECTION IX - SPILL OR LEAK PROCEDURE

Notify EPA If Product Spills : Report in accordance with local, state and federal regulations

Cleaning Procedure : Sweep up unused carbon and discard in refuse container or repackage for further use.

SECTION X - OTHER OPERATIONAL INSTRUCTIONS

Prepared By : Mohammed A. Bayati  Date : September 5, 1996

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